

Amendment to the Claims

1. (cancelled)

2. (cancelled)

3. (presently amended) ~~The device of claim 1, which is a~~ A flat straightener that heats the hair of a user by conduction of heat from a heated surface to the hair of a user, wherein the device further comprises an ion generator system, a fan, and a motor, wherein the fan directs ion flow onto the hair of the user during use.

4. (cancelled)

5. (previously presented) A hair styling device that is a flat straightener that comprises:

an ion generator system;

a fan; and

a motor;

wherein the fan directs a flow of ions produced by the ion generator system on the hair of a user, during use.

6. (original) The device of claim 5, wherein the ion generation system comprises an ion generator connected to positive and negative electrodes, comprising one or more anode pins and one or more cathode rings.

7. (cancelled)

8. (cancelled)

9. (cancelled)

10. (cancelled)

11. (original) A flat straightener comprising:

a housing;

heating plates for contacting and styling a user's hair during use;

an ion generator system contained within the housing and comprising:

an ion generator connected to an array of electrodes, wherein the array of electrodes comprises one or more anode pins, each associated with a cathode ring,

wherein each anode pin is coaxial with an annular opening in the respective cathode ring; and

an airflow system comprising a motor, a fan and an air guide contained within the housing, air inlets formed in the housing and air outlets formed adjacent at least one heating plate;

wherein during use, the fan draws air into the housing through the air inlets and into the air guide, wherein the air is directed across the electrode arrays and out the air outlets and onto the hair of a user during use.

12. (original) The flat straightener of claim 11, further comprising an LED display to indicate the state of the flat straightener.

13. (original) The flat straightener of claim 11, further comprising an adjustable heat setting.

SUMMARY OF RESPONSE

In light of the above amendment, Applicants respectfully submit that all claims are in condition for allowance.

Respectfully submitted,

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